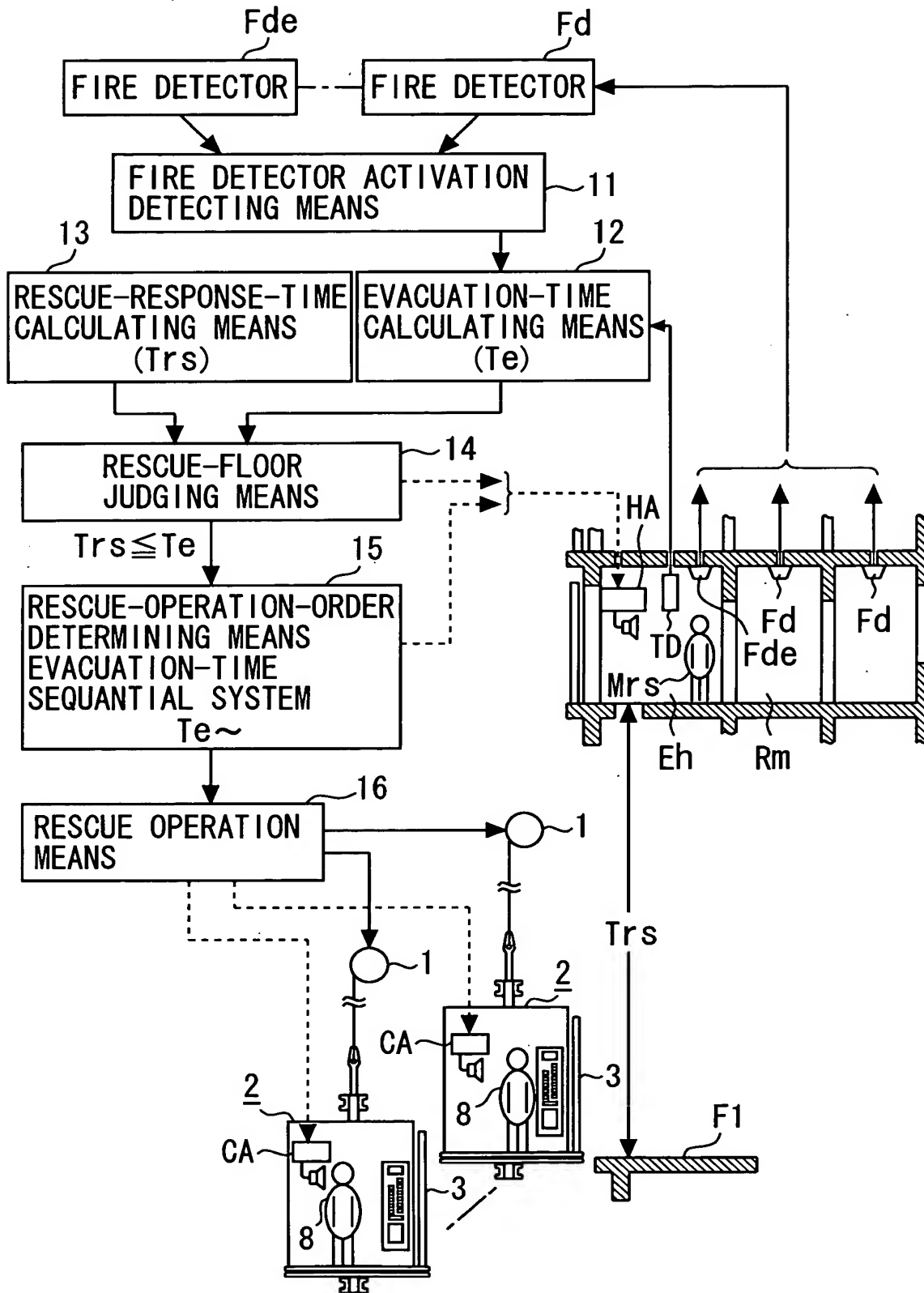
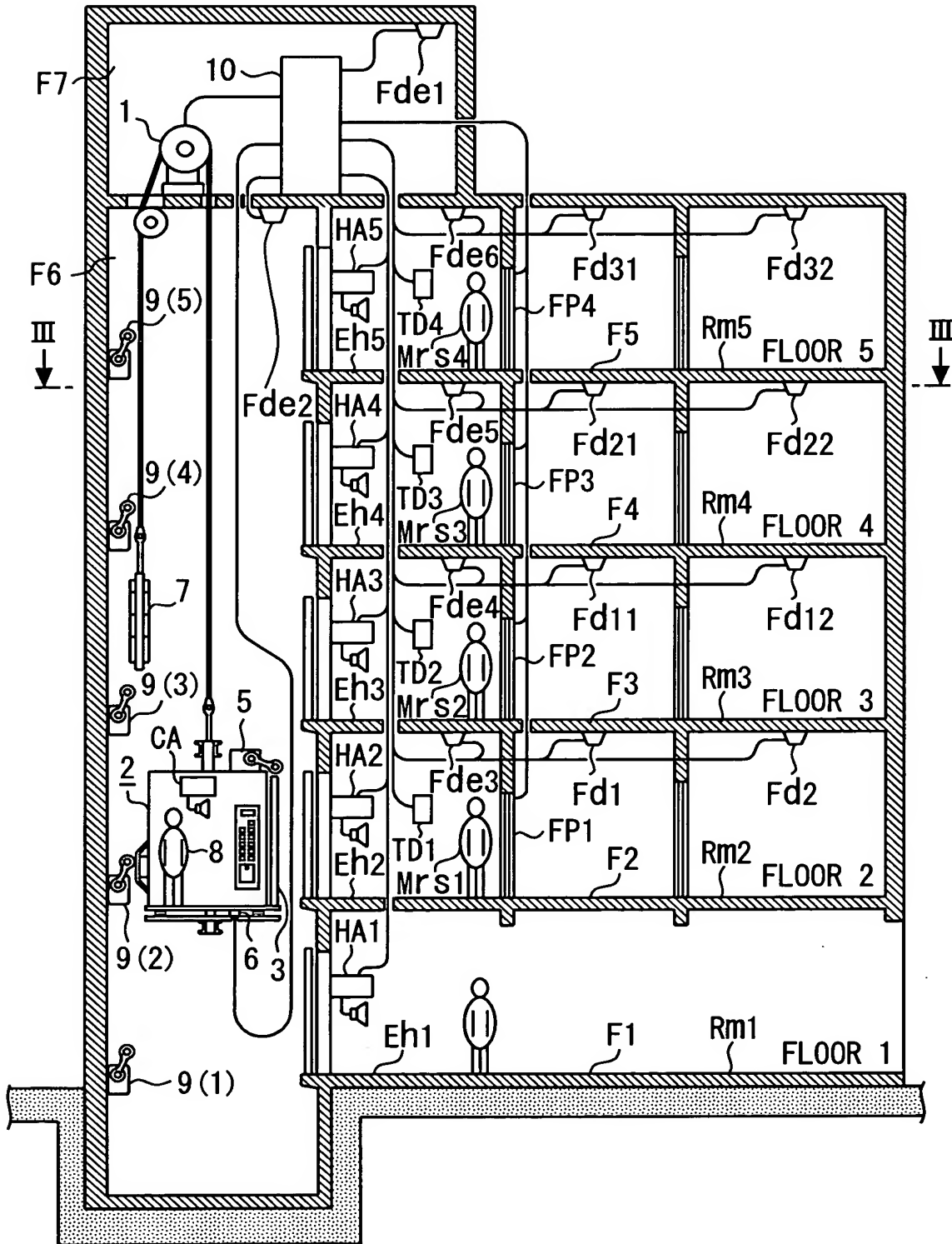


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FIG. 2

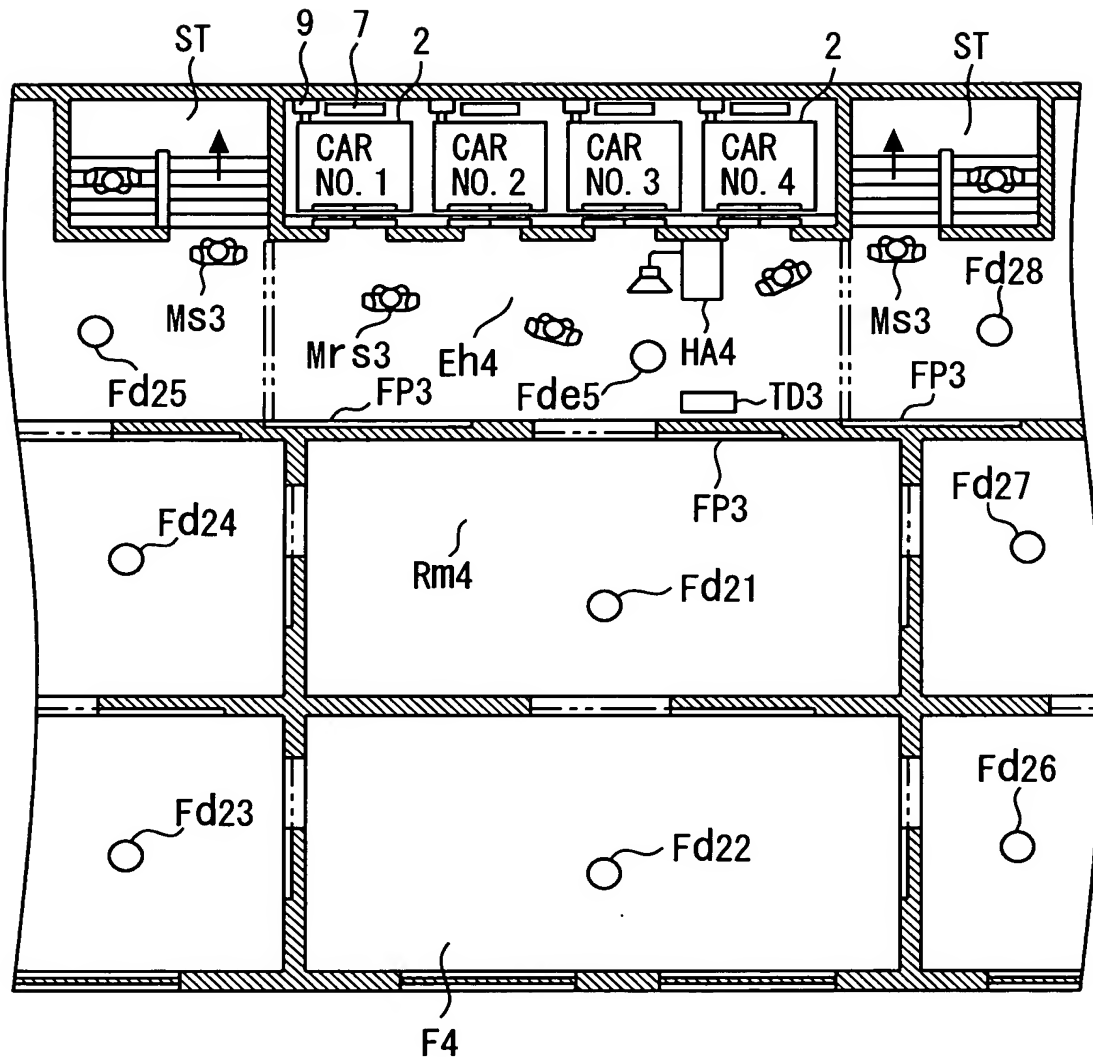
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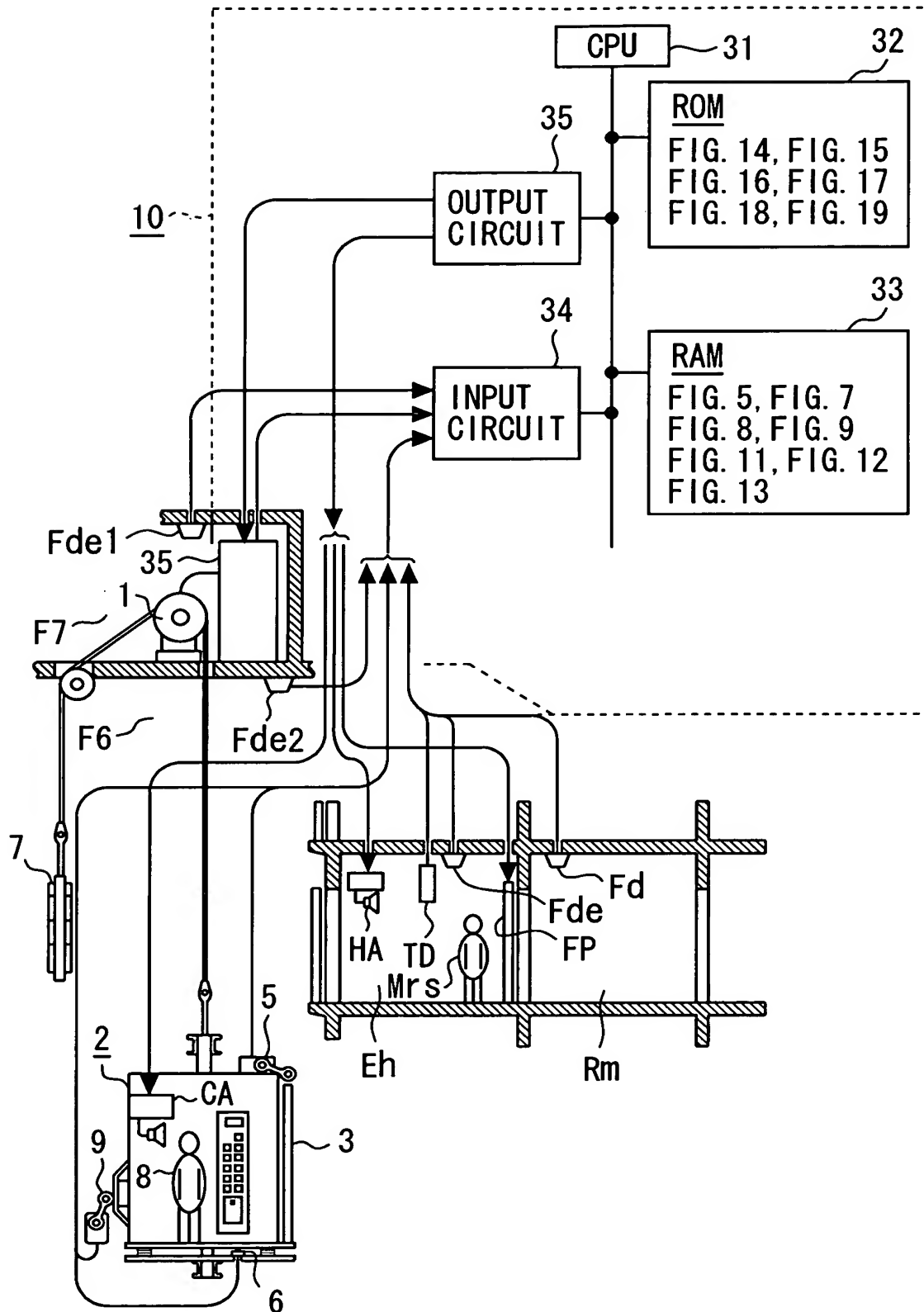


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FIG. 3

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FIG. 5

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MEMORY ADDRESS B+(j)	FLOOR FL (j)	ENROLLMENT Mn (j)	NUMBER OF EMERGENCY- STAIRCASE- EVACUEE Ms (j)	NUMBER OF EVACUEE USED ELEVATOR Me (j)
j:1	FLOOR2 F2	300	290	10
	FLOOR3 F3	300	250	50
	FLOOR4 F4	400	100	300
	FLOOR5 F5	300	50	250

33a: EVACUEE-NUMBER TABLE

FIG. 6

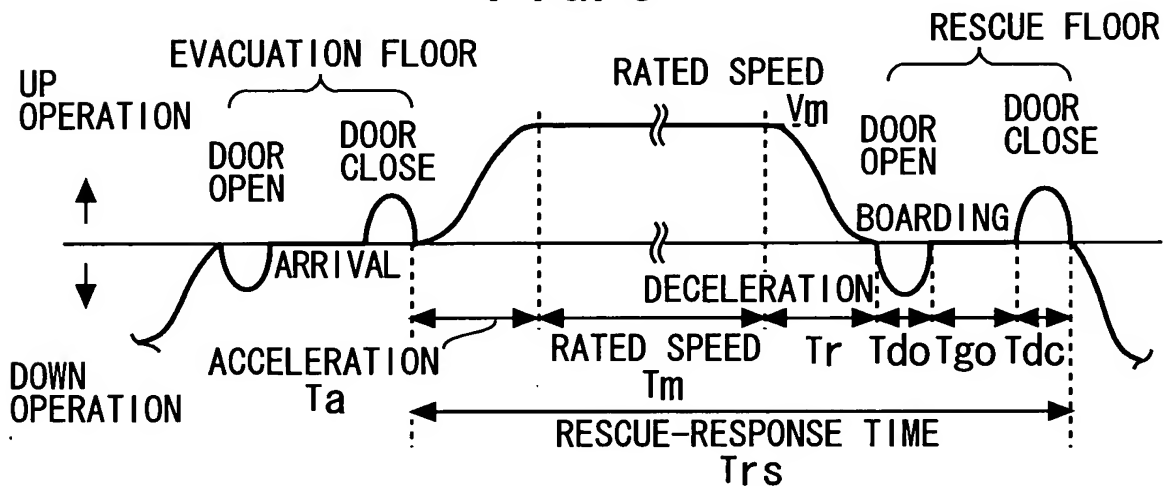


FIG. 7

RATED SPEED $V_m=90\text{m/min}$, IN CASE OF 11PASSENGER UNIT:SECONDS

MEMORY ADDRESS G+(k)	FLOOR FL FL(k)	DISTANCE FROM EVACUATION FLOOR Ds(k)	ACCELERATION TIME Ta(k)	TIME AT RATED SPEED Tm(k)	DECELERATION TIME Tr(k)	DOOR OPENING- CLOSING TIME Toc(k) (Tdo+ Tdc)	BOARDING TIME Tgo(k)	RESCUE- RESPONSE TIME Trs(k)
k:1	FLOOR2 F2	3	1.5	0.5	1.5	4	9	19.5
	FLOOR3 F3	6	1.5	2.5	1.5	4	9	24.5
	FLOOR4 F4	9	1.5	4.5	1.5	4	9	29.5
	FLOOR5 F5	12	1.5	6.5	1.5	4	9	34.5

33b: RESCUE-RESPONSE-TIME TABLE

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MEMORY ADDRESS E+ (g)	FIRE DETECTOR Fde (g)	FLOOR FL (g)	ACTIVATION STATE FNe (g)
g:1	Fde1	MACHINEROOM F7	OFF
g:2	Fde2	HOISTWAY F6	OFF
g:3	Fde3	FLOOR 2 F2	OFF
	Fde4	FLOOR 3 F3	OFF
	Fde5	FLOOR 4 F4	OFF
	Fde6	FLOOR 5 F5	OFF

ELEVATOR HALL Eh

33c: FIRE-DETECTOR-ACTIVATION TABLE
(MACHINEROOM F7, HOISTWAY F6, ELEVATOR HALL Eh)

FIG. 9

MEMORY ADDRESS D+ (m)	FIRE DETECTOR Fde (m)	FLOOR FL (m)	ACTIVATION STATE FN (m)
m:1	Fde1	FLOOR 2 F2	OFF
	Fde2	FLOOR 2 F2	OFF
	Fde3	FLOOR 2 F2	OFF
	Fde21	FLOOR 4 F4	OFF
	Fde22	FLOOR 4 F4	ON
	Fde23	FLOOR 4 F4	ON
	Fde28	FLOOR 5 F5	OFF

33d: FIRE-DETECTOR-ACTIVATION TABLE (ROOM Rm)

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FIG. 10

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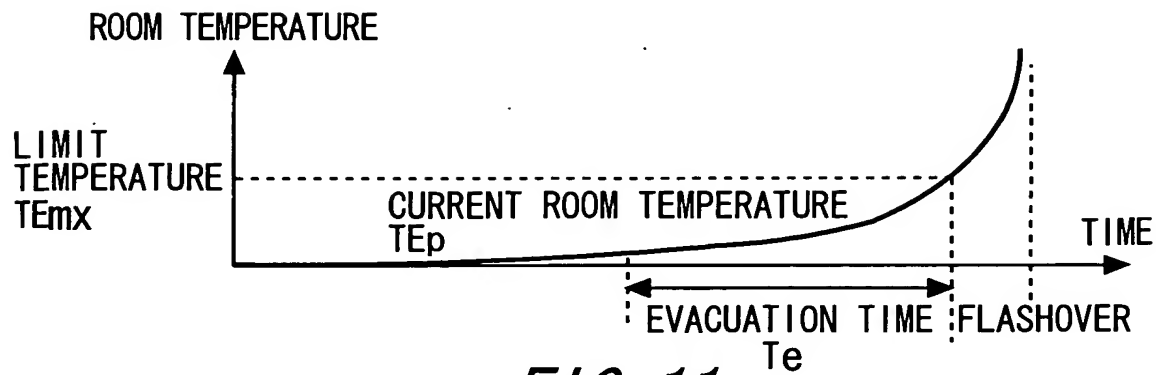


FIG. 11

MEMORY ELEVATOR CURRENT ROOM EVACUATION
ADDRESS HALL FL (i) TEMPERATURE TIME $Te(i)$
 $A+(i)$ $TE_p(i)$

i:1	FLOOR 2 F2	24°C	90MINUTES
	FLOOR 3 F3	25°C	80MINUTES
	FLOOR 4 F4	70°C	10MINUTES
	FLOOR 5 F5	50°C	20MINUTES

33e:EVACUATION-TIME TABLE

FIG. 12

MEMORY FLOOR EVACUATION
ADDRESS FL (p) TIME $Te(p)$
 $U+(p)$

p:1	FLOOR 4 F4	10MINUTES
	FLOOR 5 F5	20MINUTES
	FLOOR 3 F3	80MINUTES
	FLOOR 2 F2	90MINUTES

33f:RESCUE-OPERATION-ORDER TABLE
(EVACUATION-TIME SEQUENTIAL)

FIG. 13

MEMORY FLOOR NUMBER OF NUMBER OF
ADDRESS FL (h) EVACUEE USED ELEVATOR REMAINDER
 $F+(h)$ $Me(h)$ $Mrs(h)$

h:1	FLOOR 2 F2	10	10
	FLOOR 3 F3	50	50
	FLOOR 4 F4	300	260
	FLOOR 5 F5	250	250

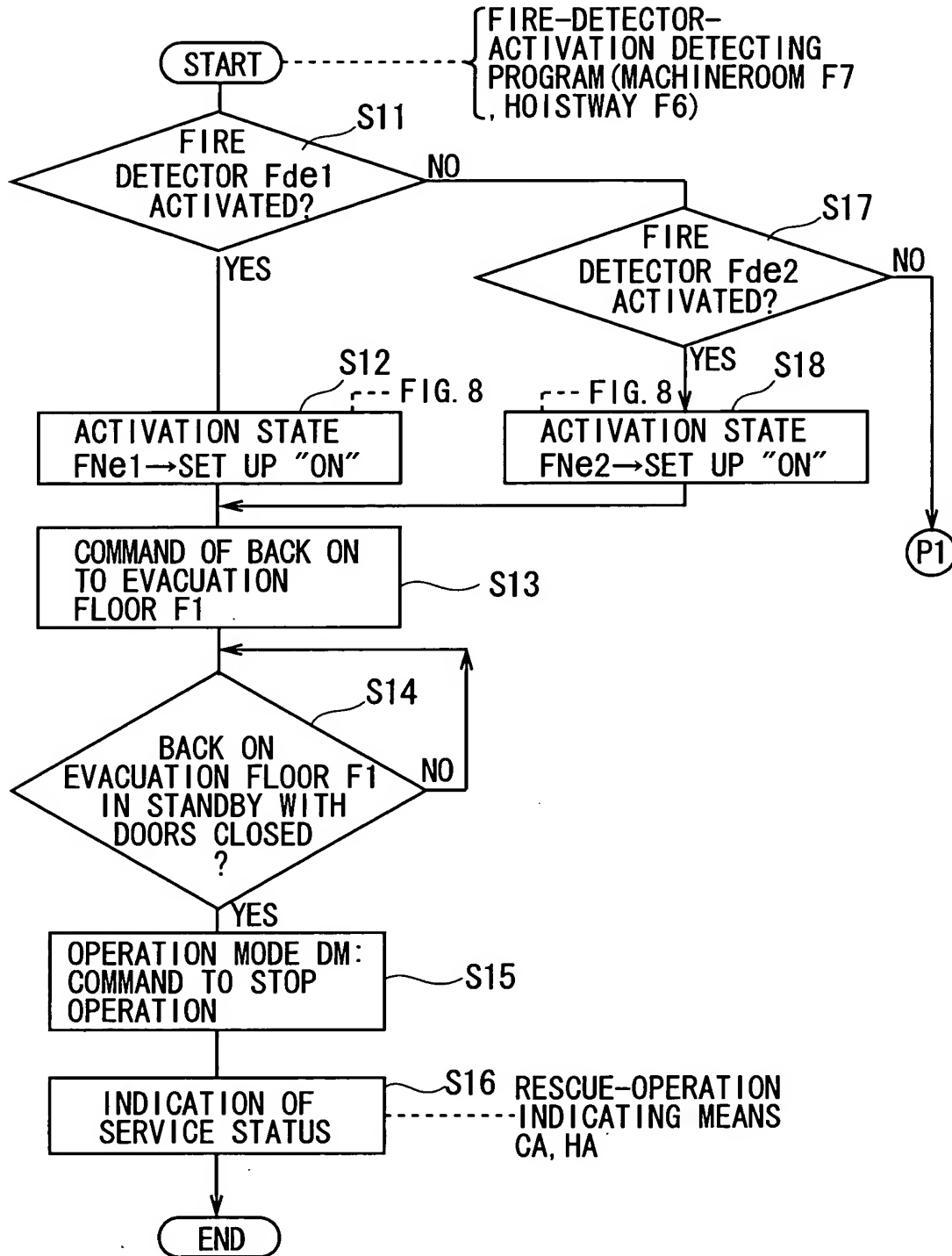
33g:REMAINDER-NUMBER TABLE

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FIG. 14

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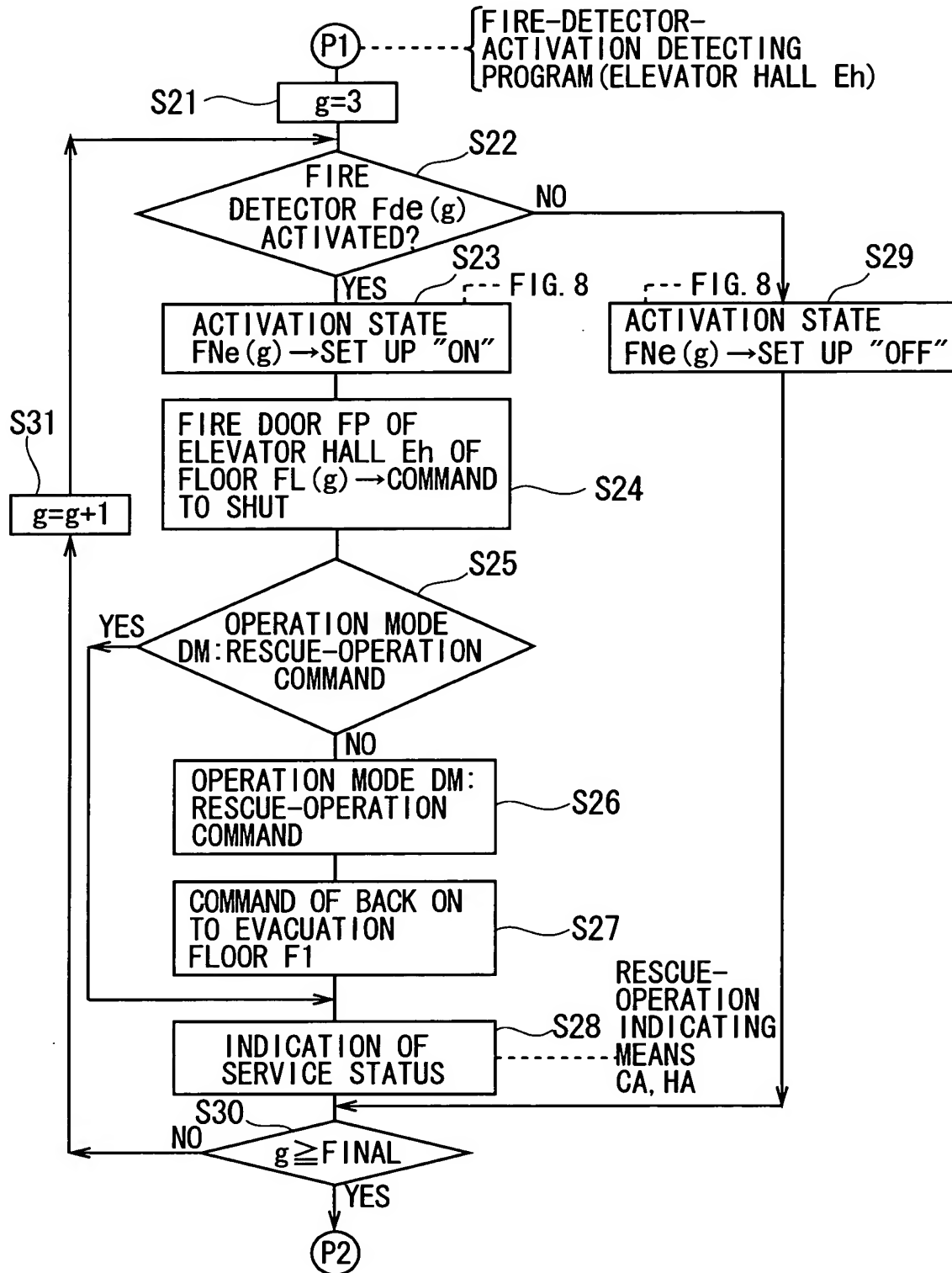
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FIG. 15

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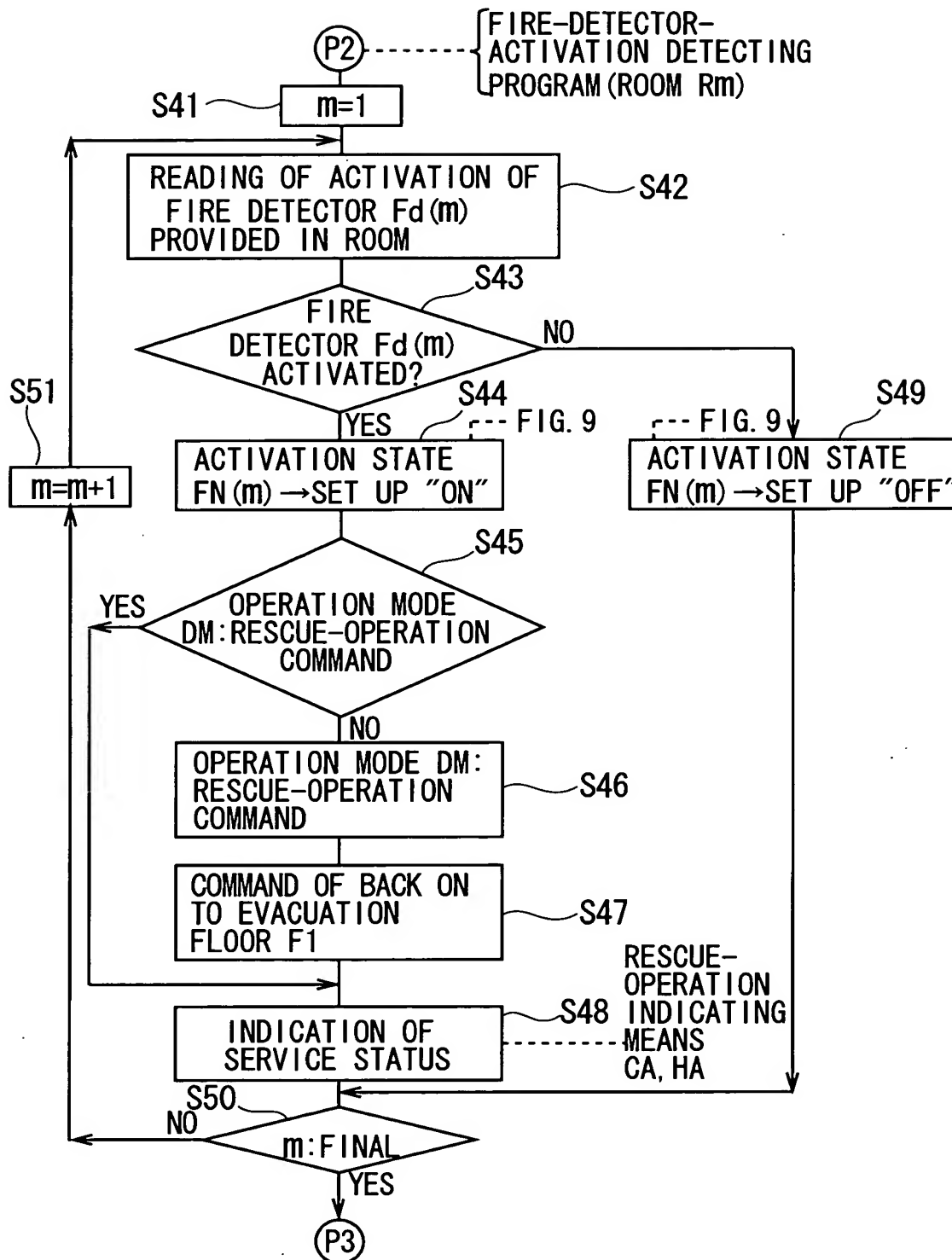
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FIG. 16

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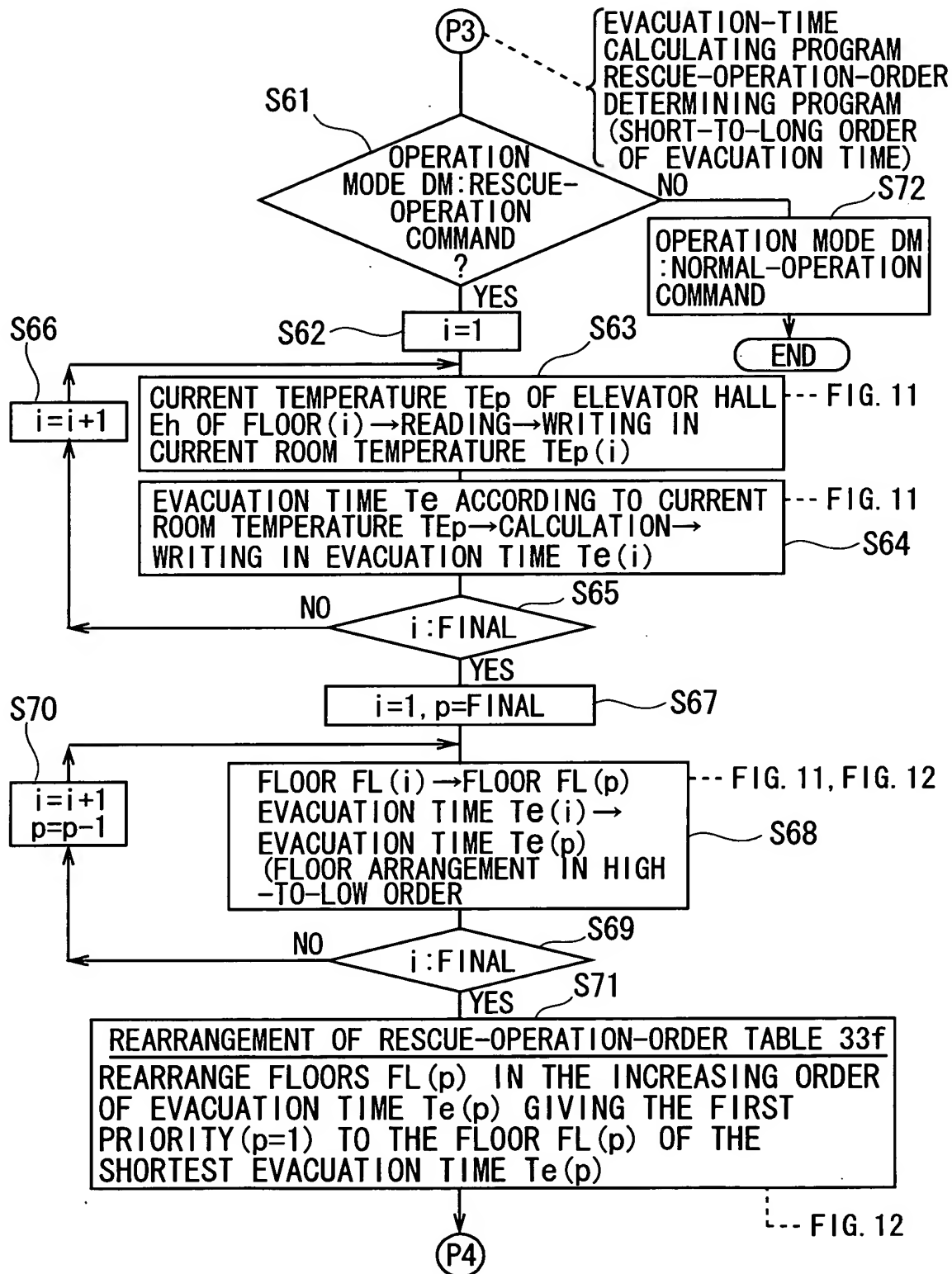


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FIG. 17

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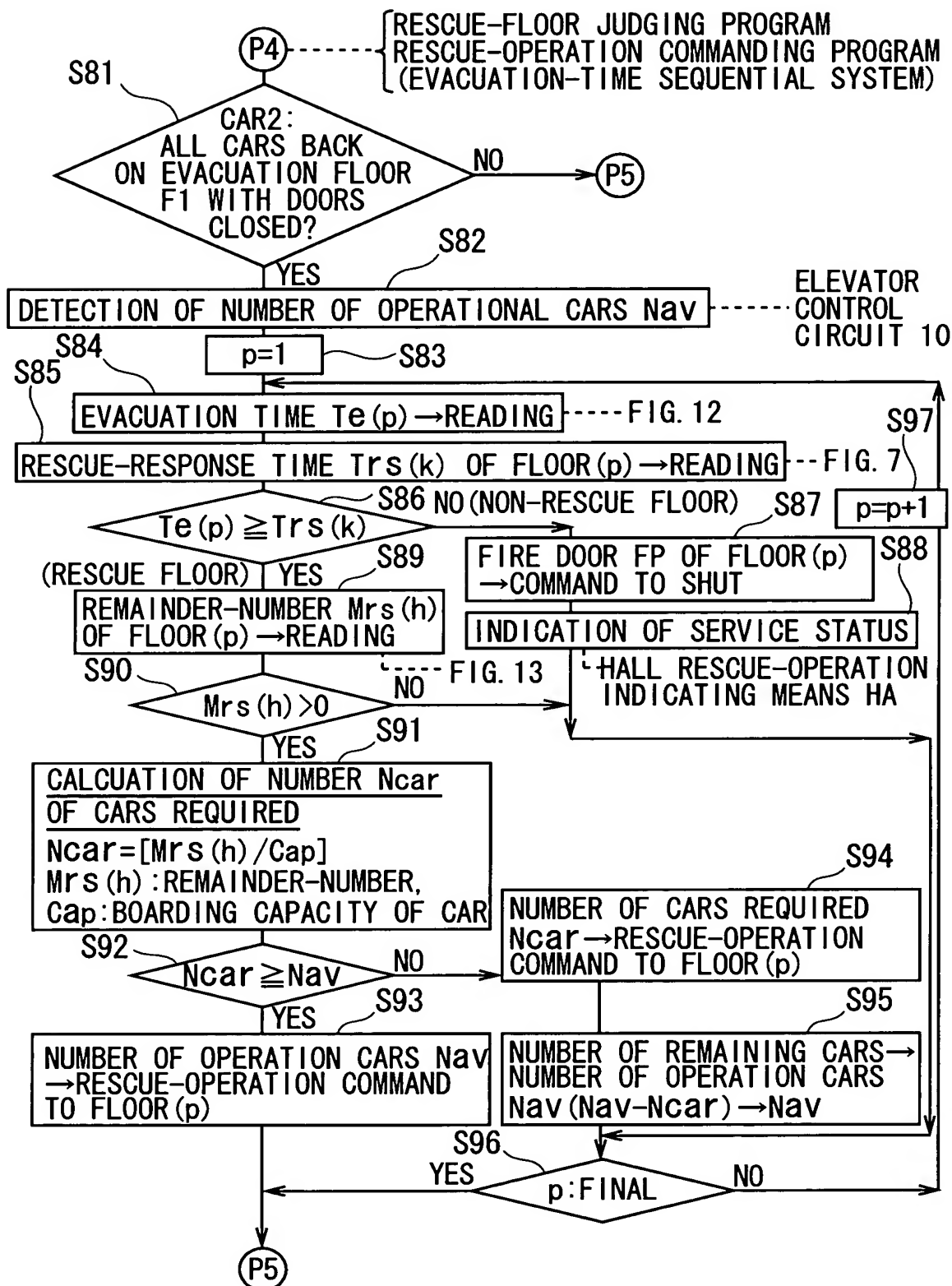


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FIG. 18

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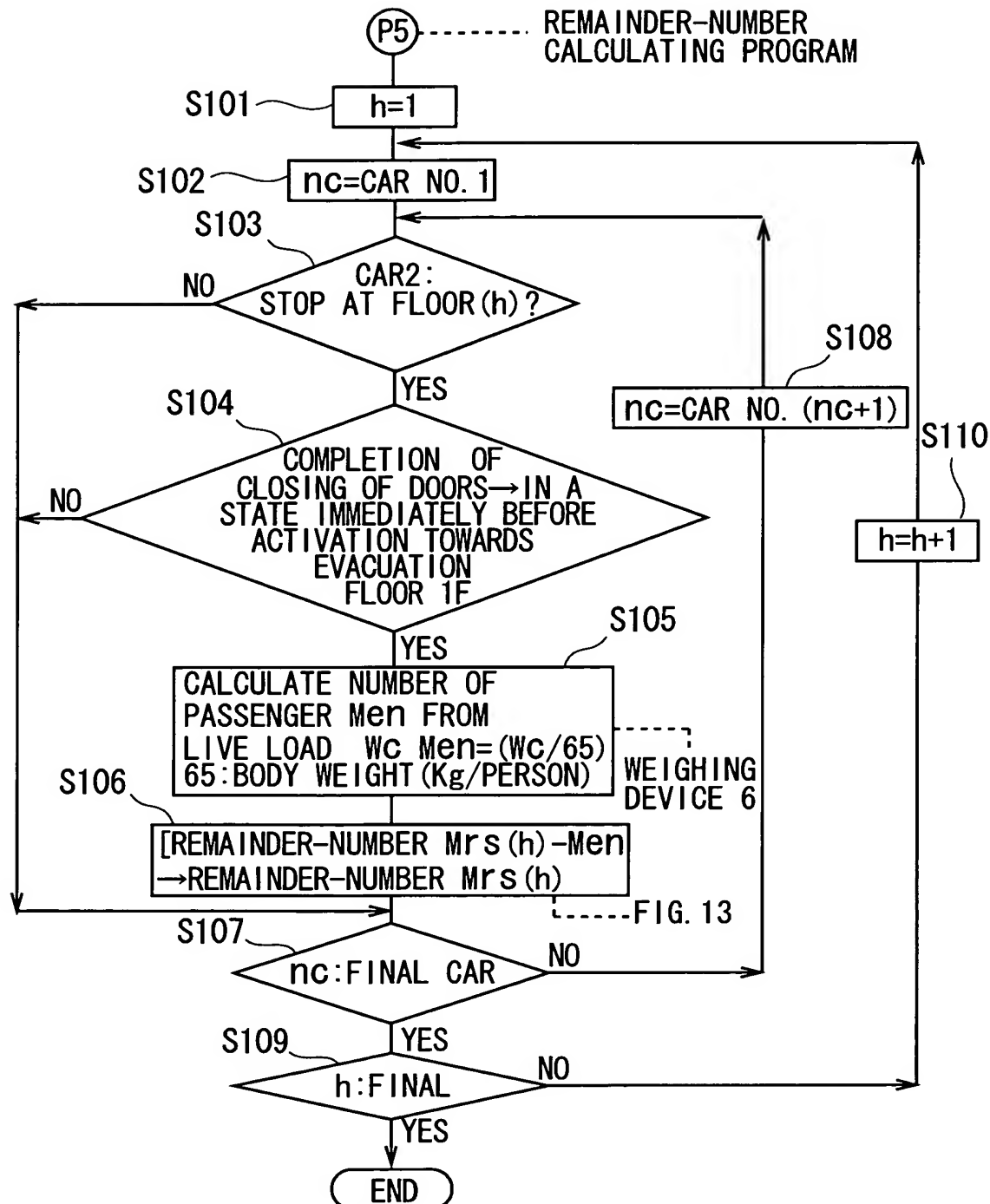


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FIG. 19

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FIG. 20

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MEMORY ADDRESS V+ (q) FLOOR FL (q) NUMBER OF REMAINDER Mrs (q)

q:1	FLOOR 4 F4	260
	FLOOR 5 F5	250
	FLOOR 3 F3	50
	FLOOR 2 F2	10

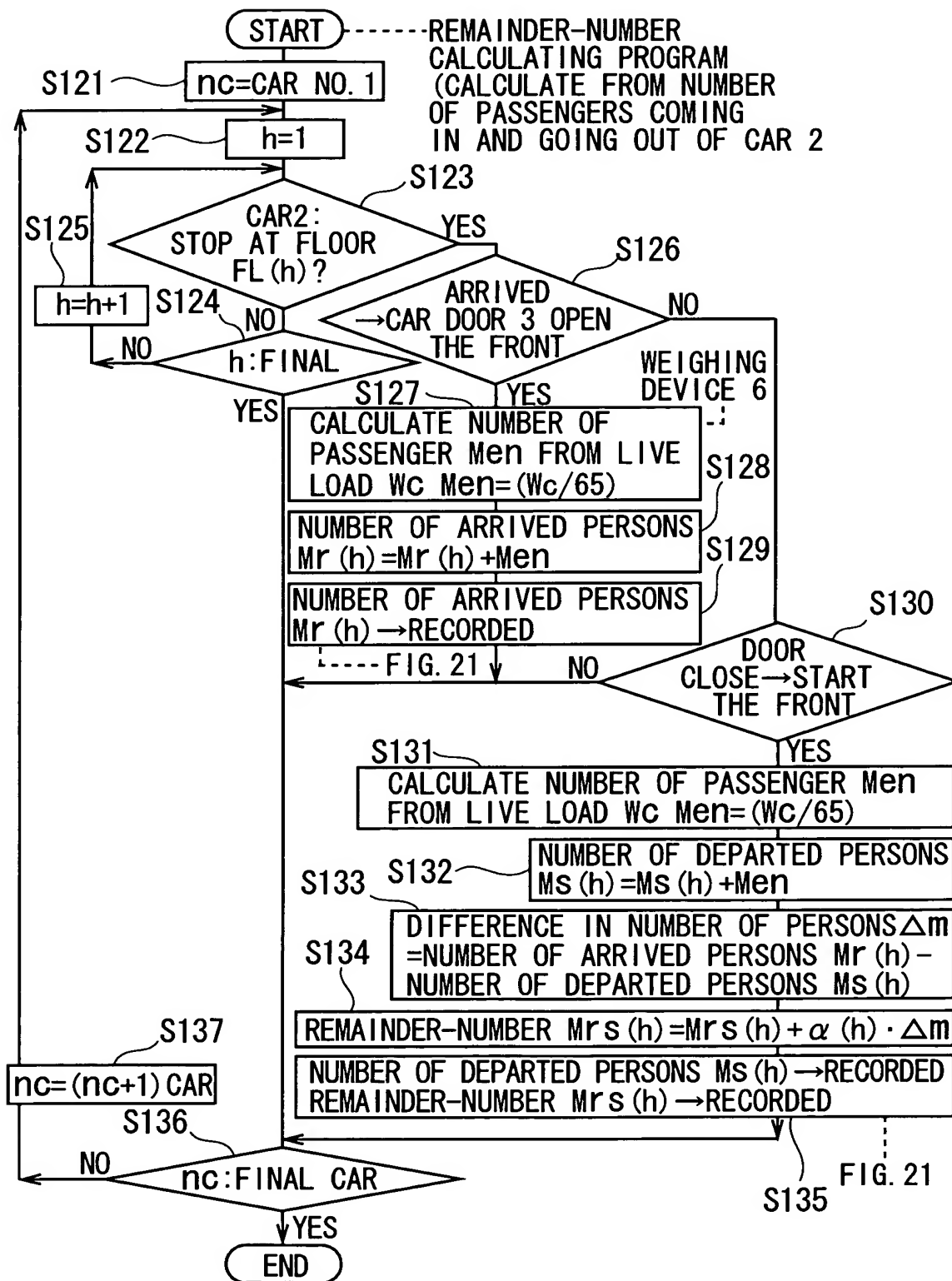
33h: RESCUE-OPERATION-ORDER TABLE
(IN REMAINDER-NUMBER ORDER)

FIG. 21

MEMORY ADDRESS F+ (h) FLOOR FL (h) NUMBER OF ARRIVED PERSONS Mr (h) NUMBER OF DEPARTED PERSONS Ms (h) ELEVATOR EVACUATION RATIO α (h) NUMBER OF REMAINDER Mrs (h)

h:1	FLOOR 2 F2	500	200	1/30	10
	FLOOR 3 F3	600	300	5/30	50
	FLOOR 4 F4	770	380	20/30	260
	FLOOR 5 F5	600	300	25/30	250

33g: REMAINDER-NUMBER TABLE



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FIG. 23

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